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Title: Method of Providing Hydraulic/
Fiber Conduits Adjacent Bottom
Hole Assemblies for Multi-step
Completions

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PRELIMINARY AMENDMENT

Please amend the claims listed below as indicated. A marked up copy of the amendments to these claims appears at the end of the Amendment.

1. A method of completion of a well, comprising:

attaching at least one auxiliary conduit or cable to a downhole assembly;

providing a connection to said conduit or cable;

running in said downhole assembly with said cable or conduit to a desired location in the well;

tagging into said downhole assembly and said connection of said conduit or cable downhole on at least one subsequent trip into the well with a tubular having at least one auxiliary cable or conduit extending along its length from the surface;

communicating through said auxiliary cable or conduit between the surface and the downhole assembly on a real time basis.

2. The method of claim 1, further comprising:

tagging into said downhole assembly on a subsequent trip with production tubing having at least one auxiliary cable or conduit which is also connectable to said connection of said cable or conduit on the downhole assembly;

communicating during production through auxiliary cable or conduit between the surface and the downhole assembly on a real time basis.

3. The method of claim 1, further comprising:
plugging said connection during said running in of the downhole assembly and auxiliary cable or conduit;
unplugging said connection with another trip into the well.
5. The method of claim 4, further comprising:
selectively locking any connection resulting from said tagging in.
7. The method of claim 6, further comprising:
using a gravel pack screen and packer for said downhole assembly extending said cable or conduit through said packer to said connection.
10. The method of claim 9, further comprising:
using said fiber optic to measure a downhole condition on or about said downhole assembly.
15. The method of claim 1, further comprising:
running said auxiliary conduit or cable in a U-shaped path so as to provide a pair of connections;
extending said U-shaped path to the surface as a result of said tagging, an auxiliary conductor or cable attached to a tubular run in from the surface, into a respective connection on a subsequent trip into the wellbore.

18. The method of claim 17, further comprising:
securely mounting said fiber optic cable to said through to allow real time sensing of a
downhole condition on or about the downhole assembly.

Respectfully submitted,

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Tracie Thigpen

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